```
        RAW SEQUENCE LISTING                    DATE: 09/18/2001
        PATENT APPLICATION:  US/09/942,374      TIME: 11:31:26

            Input Set : A:\Seqlist.txt
            Output Set: N:\CRF3\09182001\I942374.raw
```

```
     4 <110> APPLICANT: Glucksmann, Maria Alexsandra
     5        Gimeno, Ruth
     6        White, David
     8 <120> TITLE OF INVENTION: 57242, a Human G-Protein Coupled
     9        Receptor Family Member and Uses Therefor
    12 <130> FILE REFERENCE: MPI2000-368P1R
C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/942,374
C--> 14 <141> CURRENT FILING DATE: 2001-08-29
    14 <150> PRIOR APPLICATION NUMBER: US 60/228,409
    15 <151> PRIOR FILING DATE: 2000-08-29
    17 <160> NUMBER OF SEQ ID NOS: 9
    19 <170> SOFTWARE: FastSEQ for Windows Version 4.0
    21 <210> SEQ ID NO: 1
    22 <211> LENGTH: 1194
    23 <212> TYPE: DNA
    24 <213> ORGANISM: human
    26 <220> FEATURE:
    27 <221> NAME/KEY: CDS
    28 <222> LOCATION: (154)...(1194)
    30 <400> SEQUENCE: 1
    31 gcaccagcca acccacacac acaggacccg catcctgggt gatgaagtca gacacrcagc 60
    32 agctgggtga gtgctaacgc tcagataagc atctgtgcca ttgtggggac tccctgggct 120
    33 gctctgcacc cggacacctg ctctgtcccc gcc atg tac aac ggg tcg tgc tgc 174
    34                                  Met Tyr Asn Gly Ser Cys Cys
    35                                   1               5
    37 cgc atc gag ggg gac acc atc tcc cag gtg atg ccg ccg ctg ctc att 222
    38 Arg Ile Glu Gly Asp Thr Ile Ser Gln Val Met Pro Pro Leu Leu Ile
    39         10              15              20
    41 gtg gcc ttt gtg ctg ggc gca cta ggc aat ggg gtc gcc ctg tgt ggt 270
    42 Val Ala Phe Val Leu Gly Ala Leu Gly Asn Gly Val Ala Leu Cys Gly
    43         25              30              35
    45 ttc tgc ttc cac atg aag acc tgg aag ccc agc act gtt tac ctt ttc 318
    46 Phe Cys Phe His Met Lys Thr Trp Lys Pro Ser Thr Val Tyr Leu Phe
    47   40              45              50                      55
    49 aat ttg gcc gtg gct gat ttc ctc ctt atg atc tgc ctg cct ttt cgg 366
    50 Asn Leu Ala Val Ala Asp Phe Leu Leu Met Ile Cys Leu Pro Phe Arg
    51                 60              65              70
    53 aca gac tat tac ctc aga cgt aga cac tgg gct ttt ggg gac att ccc 414
    54 Thr Asp Tyr Tyr Leu Arg Arg Arg His Trp Ala Phe Gly Asp Ile Pro
    55             75              80              85
    57 tgc cga gtg ggg ctc ttc acg ttg gcc atg aac agg gcc ggg agc atc 462
    58 Cys Arg Val Gly Leu Phe Thr Leu Ala Met Asn Arg Ala Gly Ser Ile
    59         90              95              100
    61 gtg ttc ctt acg gtg gtg gct gcg gac agg tat ttc aaa gtg gtc cac 510
    62 Val Phe Leu Thr Val Val Ala Ala Asp Arg Tyr Phe Lys Val Val His
    63     105             110             115
    65 ccc cac cac gcg gtg aac act atc tcc acc cgg gtg gcg gct ggc atc 558
```

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PATENT APPLICATION: US/09/942,374   TIME: 11:31:26

Input Set : A:\Seqlist.txt
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```
66 Pro His His Ala Val Asn Thr Ile Ser Thr Arg Val Ala Ala Gly Ile
67 120                     125                 130                     135
69 gtc tgc acc ctg tgg gcc ctg gtc atc ctg gga aca gtg tat ctt ttg      606
70 Val Cys Thr Leu Trp Ala Leu Val Ile Leu Gly Thr Val Tyr Leu Leu
71                     140                 145                 150
73 ctg gag aac cat ctc tgc gtg caa gag acg gcc gtc tcc tgt gag agc      654
74 Leu Glu Asn His Leu Cys Val Gln Glu Thr Ala Val Ser Cys Glu Ser
75             155                 160                 165
77 ttc atc atg gag tcg gcc aat ggc tgg cac gac atc atg ttc cag ctg      702
78 Phe Ile Met Glu Ser Ala Asn Gly Trp His Asp Ile Met Phe Gln Leu
79         170                 175                 180
81 gag ttc ttt atg ccc ctc ggc atc atc tta ttt tgc tcc ttc aag att      750
82 Glu Phe Phe Met Pro Leu Gly Ile Ile Leu Phe Cys Ser Phe Lys Ile
83     185                 190                 195
85 gtt tgg agc ctg agg cgg agg cag cag ctg gcc aga cag gct cgg atg      798
86 Val Trp Ser Leu Arg Arg Arg Gln Gln Leu Ala Arg Gln Ala Arg Met
87 200                 205                 210                     215
89 aag aag gcg acc cgg ttc atc atg gtg gtg gca att gtg ttc atc aca      846
90 Lys Lys Ala Thr Arg Phe Ile Met Val Val Ala Ile Val Phe Ile Thr
91                 220                 225                 230
93 tgc tac ctg ccc agc gtg tct gct aga ctc tat ttc ctc tgg acg gtg      894
94 Cys Tyr Leu Pro Ser Val Ser Ala Arg Leu Tyr Phe Leu Trp Thr Val
95             235                 240                 245
97 ccc tcg agt gcc tgc gat ccc tct gtc cat ggg gcc ctg cac ata acc      942
98 Pro Ser Ser Ala Cys Asp Pro Ser Val His Gly Ala Leu His Ile Thr
99         250                 255                 260
101 ctc agc ttc acc tac atg aac agc atg ctg gat ccc ctg gtg tat tat     990
102 Leu Ser Phe Thr Tyr Met Asn Ser Met Leu Asp Pro Leu Val Tyr Tyr
103     265                 270                 275
105 ttt tca agc ccc tcc ttt ccc aaa ttc tac aac aag ctc aaa atc tgc    1038
106 Phe Ser Ser Pro Ser Phe Pro Lys Phe Tyr Asn Lys Leu Lys Ile Cys
107 280                 285                 290                     295
109 agt ctg aaa ccc aag cag cca gga cac tca aaa aca caa agg ccg gaa    1086
110 Ser Leu Lys Pro Lys Gln Pro Gly His Ser Lys Thr Gln Arg Pro Glu
111                 300                 305                 310
113 gag atg cca att tcg aac ctc ggt cgc agg agt tgc atc agt gtg gca    1134
114 Glu Met Pro Ile Ser Asn Leu Gly Arg Arg Ser Cys Ile Ser Val Ala
115             315                 320                 325
117 aat agt ttc caa agc cag tct gat ggg caa tgg gat ccc cac att gtt    1182
118 Asn Ser Phe Gln Ser Gln Ser Asp Gly Gln Trp Asp Pro His Ile Val
119         330                 335      ·          340
121 gag tgg cac tga                                                     1194
122 Glu Trp His  *
123     345
126 <210> SEQ ID NO: 2
127 <211> LENGTH: 346
128 <212> TYPE: PRT
129 <213> ORGANISM: human
131 <400> SEQUENCE: 2
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/942,374

DATE: 09/18/2001
TIME: 11:31:26

Input Set : A:\Seqlist.txt
Output Set: N:\CRF3\09182001\I942374.raw

```
132 Met Tyr Asn Gly Ser Cys Cys Arg Ile Glu Gly Asp Thr Ile Ser Gln
133  1               5                  10                  15
134 Val Met Pro Pro Leu Leu Ile Val Ala Phe Val Leu Gly Ala Leu Gly
135          20                  25                  30
136 Asn Gly Val Ala Leu Cys Gly Phe Cys Phe His Met Lys Thr Trp Lys
137          35                  40                  45
138 Pro Ser Thr Val Tyr Leu Phe Asn Leu Ala Val Ala Asp Phe Leu Leu
139      50                  55                  60
140 Met Ile Cys Leu Pro Phe Arg Thr Asp Tyr Tyr Leu Arg Arg Arg His
141 65                  70                  75                  80
142 Trp Ala Phe Gly Asp Ile Pro Cys Arg Val Gly Leu Phe Thr Leu Ala
143              85                  90                  95
144 Met Asn Arg Ala Gly Ser Ile Val Phe Leu Thr Val Val Ala Ala Asp
145          100                 105                 110
146 Arg Tyr Phe Lys Val Val His Pro His His Ala Val Asn Thr Ile Ser
147          115                 120                 125
148 Thr Arg Val Ala Ala Gly Ile Val Cys Thr Leu Trp Ala Leu Val Ile
149      130                 135                 140
150 Leu Gly Thr Val Tyr Leu Leu Leu Glu Asn His Leu Cys Val Gln Glu
151 145                 150                 155                 160
152 Thr Ala Val Ser Cys Glu Ser Phe Ile Met Glu Ser Ala Asn Gly Trp
153              165                 170                 175
154 His Asp Ile Met Phe Gln Leu Glu Phe Phe Met Pro Leu Gly Ile Ile
155          180                 185                 190
156 Leu Phe Cys Ser Phe Lys Ile Val Trp Ser Leu Arg Arg Arg Gln Gln
157          195                 200                 205
158 Leu Ala Arg Gln Ala Arg Met Lys Lys Ala Thr Arg Phe Ile Met Val
159      210                 215                 220
160 Val Ala Ile Val Phe Ile Thr Cys Tyr Leu Pro Ser Val Ser Ala Arg
161 225                 230                 235                 240
162 Leu Tyr Phe Leu Trp Thr Val Pro Ser Ser Ala Cys Asp Pro Ser Val
163              245                 250                 255
164 His Gly Ala Leu His Ile Thr Leu Ser Phe Thr Tyr Met Asn Ser Met
165          260                 265                 270
166 Leu Asp Pro Leu Val Tyr Tyr Phe Ser Ser Pro Ser Phe Pro Lys Phe
167      275                 280                 285
168 Tyr Asn Lys Leu Lys Ile Cys Ser Leu Lys Pro Lys Gln Pro Gly His
169      290                 295                 300
170 Ser Lys Thr Gln Arg Pro Glu Glu Met Pro Ile Ser Asn Leu Gly Arg
171 305                 310                 315                 320
172 Arg Ser Cys Ile Ser Val Ala Asn Ser Phe Gln Ser Gln Ser Asp Gly
173              325                 330                 335
174 Gln Trp Asp Pro His Ile Val Glu Trp His
175              340                 345
178 <210> SEQ ID NO: 3
179 <211> LENGTH: 1041
180 <212> TYPE: DNA
181 <213> ORGANISM: human
183 <400> SEQUENCE: 3
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/942,374

DATE: 09/18/2001
TIME: 11:31:26

Input Set : A:\Seqlist.txt
Output Set: N:\CRF3\09182001\I942374.raw

```
184 atgtacaacg ggtcgtgctg ccgcatcgag ggggacacca tctcccaggt gatgccgccg 60
185 ctgctcattg tggcctttgt gctgggcgca ctaggcaatg gggtcgccct gtgtggtttc 120
186 tgcttccaca tgaagacctg gaagcccagc actgtttacc ttttcaattt ggccgtggct 180
187 gatttcctcc ttatgatctg cctgcctttt cggacagact attacctcag acgtagacac 240
188 tgggcttttg gggacattcc ctgccgagtg gggctcttca cgttggccat gaacagggcc 300
189 gggagcatcg tgttccttac ggtggtggct gcggacaggt atttcaaagt ggtccacccc 360
190 caccacgcgg tgaacactat ctccacccgg gtggcggctg gcatcgtctg caccctgtgg 420
191 gccctggtca tcctgggaac agtgtatctt ttgctggaga accatctctg cgtgcaagag 480
192 acggccgtct cctgtgagag cttcatcatg gagtcggcca atggctggca cgacatcatg 540
193 ttccagctgg agttctttat gcccctcggc atcatcttat tttgctcctt caagattgtt 600
194 tggagcctga ggcggaggca gcagctggcc agacaggctc ggatgaagaa ggcgacccgg 660
195 ttcatcatgg tggtggcaat tgtgttcatc acatgctacc tgcccagcgt gtctgctaga 720
196 ctctatttcc tctggacggt gccctcgagt gcctgcgatc cctctgtcca tggggccctg 780
197 cacataaccc tcagcttcac ctacatgaac agcatgctgg atcccctggt gtattatttt 840
198 tcaagcccct cctttcccaa attctacaac aagctcaaaa tctgcagtct gaaacccaag 900
199 cagccaggac actcaaaaac acaaaggccg gaagagatgc caatttcgaa cctcggtcgc 960
200 aggagttgca tcagtgtggc aaatagtttc caaagccagt ctgatgggca atgggatccc 1020
201 cacattgttg agtggcactg a                                           1041
203 <210> SEQ ID NO: 4
204 <211> LENGTH: 19
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: murine 57242 primer sequence
211 <400> SEQUENCE: 4
212 ggcagcagct gaccagaca                                                19
214 <210> SEQ ID NO: 5
215 <211> LENGTH: 21
216 <212> TYPE: DNA
217 <213> ORGANISM: Artificial Sequence
219 <220> FEATURE:
220 <223> OTHER INFORMATION: murine 57242 primer sequence
222 <400> SEQUENCE: 5
223 gaacacagaa gccaccacca t                                             21
225 <210> SEQ ID NO: 6
226 <211> LENGTH: 23
227 <212> TYPE: DNA
228 <213> ORGANISM: Artificial Sequence
230 <220> FEATURE:
231 <223> OTHER INFORMATION: murine 57242 probe sequence
233 <400> SEQUENCE: 6
234 atgaggaggg ccacccggtt cat                                           23
236 <210> SEQ ID NO: 7
237 <211> LENGTH: 20
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: human 57242 primer sequence
244 <400> SEQUENCE: 7
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RAW SEQUENCE LISTING   DATE: 09/18/2001
PATENT APPLICATION: US/09/942,374   TIME: 11:31:26

          Input Set : A:\Seqlist.txt
          Output Set: N:\CRF3\09182001\I942374.raw

245 tgcagtctga aacccaagca   20
247 <210> SEQ ID NO: 8
248 <211> LENGTH: 17
249 <212> TYPE: DNA
250 <213> ORGANISM: Artificial Sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: human 57242 primer sequence
255 <400> SEQUENCE: 8
256 tgcgaccgag gttcgaa   17
258 <210> SEQ ID NO: 9
259 <211> LENGTH: 23
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: human 57242 probe sequence
266 <400> SEQUENCE: 9
267 cacaaaggcc ggaagagatg cca   23

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/942,374

DATE: 09/18/2001
TIME: 11:31:27

Input Set : A:\Seqlist.txt
Output Set: N:\CRF3\09182001\I942374.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application No
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date